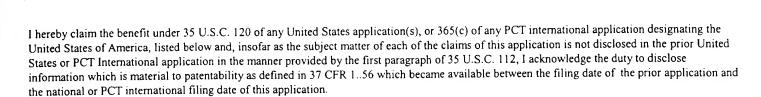


As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

listed

I believe I am the original, find below) of the subject matter to	st and sole inventor (if only one which is claimed and for which	e name is listed below) or an orig a patent is sought on the inventi	ginal, first and joint i on entitled:	nventor (if plur	al names are listed
DIFFERE	NTIATION OF ADIPOSE STE	ROMAL CELLS INTO OSTEO	BLASTS AND USES	THEREOF	
the specification of which					
is attached hereto OR was filed on Decen	nber 1, 1998 as PCT Internation	nal Application Number PCT/US	S98/25449.		
amendment specifically refer	red to above.	nts of the above identified specif			
I acknowledge the duty to dis	sclose information which is mat	erial to patentability as defined i	n Title 37 Code of F	ederal Regulation	ons, § 1.56.
hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or nventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of Americ isted below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Foreign Filing Date (MM/DD/YYYY) Not Claimed Certified Copy Attached?					
				Yes	No
N/A					
Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:					
I hereby claim the ber	nefit under Title 35, United Stat	es Code § 119(e) of any United	States provisional ap	plication(s) list	ed below.
Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet attached hereto.			
60/067,334	12/02/1997				
<u></u>		1			



U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US98/25449	12/01/1998	W099/28444

Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 000826

Direct correspondence to the attention of and telephone calls to:

Robert E. McCarthy
Registration No. 46,044
ALSTON & BIRD LLP
Post Office Drawer 34009
Charlotte, NC 28234
Tel. Raleigh Office (919) 420-2200
Fax Raleigh Office (919) 420-2260

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

Date: 5/5/2000

Full name of first inventor: Yuan-di C. Halvorsen

Inventor's

Signature: 1/hay-

Residence: / Citizenship:

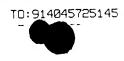
Citizenship:
Post Office Address:

Republic of China 5128 Salem Ridge Road

Holly Springs, NC

Holly Springs, NC 27540

RTA01/2077354v1



Arry Docker No. :

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Yuzn-Di, C. Halvorsen

Sarial No.:

09/554,868

Art Unit: 1614

Filed:

May 19, 2000

Examiner: N/A

For.

Differentiation of Adipose Stromal Cells into Osteoblasts and Uses Thereof

Assistant Commissioner for Patents Washington, DC 20231

POWER OF ATTORNEY, REVOCATION OF PRIOR POWERS AND CHANGE OF CORRESPONDENCE ADDRESS

Sir:

As Assignee of record of the entire interest in the above-referenced application, I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application. I hereby appoint the following attorneys or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sherry M. Knowles, Reg. No. 33,052 Steven P. Wigmore, Reg. No. 40,447 Liss K. Norton, Reg. No. 44,977 Clark G. Sullivan, Reg. No. 36,942 Holmes J. Hawlens, Reg. No. 38,913 W. Soon Perty, Reg. No. 35,645 Curtis L. Doster, Reg. No. 41,714 Charles Vormiran, Reg. No. 43, 315 Hoang M. Vo, Reg. No. P-47,158

Please change the correspondence address for the above-identified application to:

Sherry M. Knowles, Esq. King & Spalding 191 Peachtree Street Atlanta, Georgia 30303-1763 (404) 572-3541 (404) 572-5145 facsimile

Assignee.

Signature:

Date:

12/14/00

Atmy Docket No. 08140.105001

ASSIGNMENT OF LETTERS PATENT AND INVENTIONS

19194331102

WHEREAS, ZEN-BIO, INC, a corporation of the State of North Carolina, having its principal place of business at 3200 Chapel Hill-Nelson Blvd., Suite 102, Research Triangle Park, NC 27709 (hereinafter "ASSIGNOR"), owns certain inventions and improvements disclosed in the following United States Patents and Patent Applications:

		Filed or Issued
Serial No.	Entitled	12/2/1997
60/067,334	Osteoblast Development and Use Osteoblast Development and Use	8/19/1999
60/149,849	Multiple Mesodermal Lineage Differentiation Potentials for Adipose Tissue-Derived Stromal Cells	
250	and Uses Thereof	8/19/1999
60/149,850	Use of Adipose Tissue-Derived Burney Chondrocyte Differentiation and Cartilage Repair Screening for SUR1 Antagonists Using Adipocytes	6/5/2001
6,242,200	Screening for SUK1 Antagoms is Using 12-	1

WHEREAS, ARTECEL SCIENCES, INC, a corporation of the State of Delaware, having a place of business at 801 Capitola Drive, Suite 8, Durham, NC 27713 (hereinafter, "ASSIGNEE") is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE the full, exclusive and entire right, title, and interest in and to said Patents and Patent Applications, in and to any priority applications, divisions, continuations, reissues, and reexaminations thereof, and in and to all inventions and improvements disclosed and described in Patents and Patent Applications; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from a division, continuation, reissue, or reexamination thereof, to ASSIGNEE, as the assignee, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

20

1;

Atmy Docket No. 08140.105001

For the same consideration, ASSIGNOR by these presents does sell, assign, and transfer to ASSIGNEE the full, exclusive, and entire right, title and interest in and to any foreign patent or applications corresponding to said Patents and Patent Applications, in whole or in part, worldwide, in all countries including the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations, said foreign applications to be filed and issued in the name of ASSIGNEE, or its designee insofar as permitted by applicable law.

AND, for the same consideration, ASSIGNOR agrees to sign all lawful papers, execute all divisional, continuing, reissue, reexamination and other applications, make all assignments and rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR by these presents does sell, assign, and transfer to ASSIGNEE the full, exclusive, and entire right to sue for past infringement of said Patents worldwide, together with all claims for damage by reason of past infringement of said Patents, with the right to sue for, and collect the same for ASSIGNEE'S own use and enjoyment.

ASSIGNOR further agrees that all necessary records of ASSIGNOR to establish priority of invention in any interference or similar proceeding will be made available at no additional charge to ASSIGNEE, in the event such records are needed in connection with any of the assigned Patents or Patent Applications.

[Corporate Seal]

Atmy Docket No. 08140.105001

91

be

ASSIGNOR: ZEN-BIO, INC.

O - V - V

19194331102

Attny Docket No. 08140.105001

Certificate of Acknowledgement	
STATE OF North Carolina	ţ
Notary Public in and for the county aforesaid, on this day of	who, being of ne corporate nalf of said
NOTARY PUBLIC	S. E. die EN
(SEAL) My Commission Expires: March 5, 2006	. સ્ક
My Commission Expues.	211



ASSIGNMENT

THIS ASSIGNMENT, made by ZEN-BIO, INC., a corporation of the state of North Carolina, having its principal place of business at 3200 Chapel Hill-Nelson Blvd., Suite 102, Research Triangle Park, NC, 27709, hereinafter referred to as Assignor;

WITNESSETH: That,

WHEREAS, as shown by the records of the United States Patent and Trademark Office, Assignor has previously acquired all right, title, and interest in and to the United States patent and/or patent applications identified on the attached Schedule and in and to all corresponding patents and/or patent applications worldwide, and in and to the inventions represented thereby (all hereinafter referred to as the 'Patents'); and,

WHEREAS ARTECEL SCIENCES, INC., a corporation of the state of Delaware, having its principal place of business at HQ Global Workplaces, 4819 Emperor Blvd., Durham, NC 27703, hereinaster referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said Patents and in and to the inventions represented thereby; and

WHEREAS, the parties have agreed to the Assignment hereinafter set forth;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above Assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, its entire right, title, and interest in and to said Patents and the inventions represented thereby, and any and all continuations, continuations-in-part, or divisions thereof, and any and all Letters Patent or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim priority in all foreign countries in accordance with the International Convention; all rights corresponding to said Patents in foreign countries throughout the world; and all of its rights to sue for past infringement of said Patents worldwide, together with all claims for damage by reason of past infringement of said Patents, with the right to sue for, and collect the same for Assignee's own use and enjoyment; all to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

From time to time after the date hereof, at the request of either party hereto, and at the expense of the party so requesting, each of the parties hereto shall execute and deliver to such



requesting party such documents and take such other action as such requesting party may reasonably request in order to consummate more effectively the transactions contemplated hereby.

The Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, it possesses full title to the inventions and Patents thereon as earlier identified, and that it has the unencumbered right and authority to make this assignment.

IN WITNESS WHEREOF, the Assignor has caused this assignment to be execut this day of Arch, 2001.	ted
By: (SEA	L)
trebias 2 :21	
COUNTY OF	ina ina rate rid
the said writing to be the act and deed of said corporation. Wimess my hand and official seal, this the bh day of March 2001.	•
(Official Seal) Notary Public	
My commission expires: July 23 2005	



For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

ZEN BIO, INC. 3200 Chapel Hill-Nelson Boulevard, Suite 102 Resarch Triangle Park, North Carolina 27709

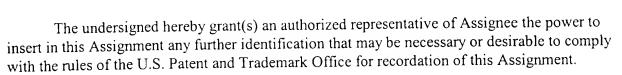
its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "DIFFERENTIATION OF ADIPOSE STROMAL CELLS INTO OSTEOBLASTS AND USES THEREOF"

as set forth in this United States Patent Application

executed concurrently herewith	
executed on May 05, 2000	
Application No; filed	

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

enas yan el and con bourede



5/5/2000	Yuan-Di C. Halvorsen
Date	Yuan-Di C. Halvorsen
State of North Caroling County of Wake	
I Debbie Whitaker , a No	tary Public for said County and State, do hereby y appeared before me this day and acknowledged the
Witness my hand and official seal, this the	5th day of May, 2000.
(Official Seal)	Delile Whitaky Notary Public
	My commission expiresMy Commission Expires August 29 2003

Attorney Docket No. 5750-17 RTA01/2077337v1

FORM-PTO-1595 TRANSMITTAL OF DOCUMENT FOR RECORDATION 1-31-92 PATENTS ONLY Atty. Docket 08140.105001				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies): Zen-Bio, Inc. Additional name(s) of conveying party(ies) attached?	Name and address of receiving party(ies): Name: <u>Artecel Sciences Inc.</u>			
 Yes	Foreign Address: Domestic Address: 801 Capitola Drive, Suite 8 City: Durham State: NC ZIP: 27713			
Other Execution Date: <u>December 17, 2001</u> .	Additional name(s) & address(es) attached? ☐ Yes ☒ No			
 4. Application number (s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 60/067,334; 60/149,849; 60/149,850 B. Patent Registration No. (s) 6,242,200 Additional numbers attached? □ Yes ☒ No 				
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Number of applications and patents involved: 4				
Name: Sherry M. Knowles, Esq.	7. Total fee (37 CFR 3.41): \$ 160.00			
	⊠ Enclosed			
Atlanta, Georgia 30303-1763	☐ Authorized to be charged to deposit account			
Telephone No.: 404- 572- 3541	8. Deposit account number			
Facsimile No.: 404 572-5145 . 11-0980 . (Attach duplicate copy of this page if paying by deposit account):				
DO NOT USE THIS SPACE				
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document.				
Joseph M. Bennett-Paris Name of Person Signing Signature December 21, 2001 Date				
Total number of pages comprising cover sheet: 1				

FORM-PTO-1595 TRANSMITTAL OF DOCUMENT PATENT	MENT FOR RECORDATION S ONLY Atty. Docket 08140.105001			
To the Honorable Commissioner of Patents and Trademarks: Please r	ecord the attached original documents or copy thereof.			
Name of conveying party(ies): Zen-Bio, Inc. Additional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies):			
☐ Yes ☑ No	Foreign Address:			
3. Nature of Conveyance:	Foreign Address: Domestic Address: 801 Capitola Drive, Suite 8			
☐ Security Agreement ☐ Change of Name Other Execution Date: March 6, 2001	City: <u>Durham</u> State: <u>NC</u> ZIP: <u>27713</u> Additional name(s) & address(es) attached? Yes No			
 4. Application number (s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) SEE ATTACHED LIST B Patent Registration No. (s) Additional numbers attached?				
Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:			
Name: Sherry M. Knowles, Esq	7. Total fee (37 CFR 3.41): \$360.00			
Atlanta, Georgia 30303-1763	☑ Enclosed☐ Authorized to be charged to deposit account			
Telephone No.: 404- 572- 3541	8. Deposit account number			
Facsimile No.: 404 572-5145 .	11-0980 (Attach duplicate copy of this page if paying by deposit account):			
DO NOT USE THIS SPACE				
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing of the original document. Joseph M. Bennett-Paris Name of Person Signing Signature	December 21, 2001			
Total number of pages comprising cover sheet: 2	Duco			

AUG 2 9 2000

Received By



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

AUGUST 22, 2000

ALSTON & BIRD LLP W. MURRAY SPRUILL P.O. DRAWER 34009 CHARLOTTE, NC 28234-4009 PTAS



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/19/2000

REEL/FRAME: 010885/0857

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HALVORSEN, YUAN-DI C.

DOC DATE: 05/05/2000

ASSIGNEE:

ZEN BIO, INC.
3200 CHAPEL HILL-NELSON BLVD.
SUITE 102
RESEARCH TRIANGLE PARK
NORTH
CAROLINA
27709

SERIAL NUMBER: 09554868

PATENT NUMBER:

FILING DATE: 05/19/2000

ISSUE DATE:



5.9.09 IGNME

96-21-2000

ER SHEET Patients Only 19 MAY

To the Honorable Commissioner of	ttorney Dkt. No.: 5750-17			
Please record the attached original 10138589)1			
1. Name of conveying party(ies): Yuan-Di C. Halvorsen Additional name(s) of conveying party(ies) attached? Yes □ No ☑	Zen Bio, Inc. 3200 Chapel Hill-Nelson Blvd. Suite 102 Research Triangle Park, NC 27709			
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: May 5, 2000	Additional name(s) & address(es) attached? Yes \(\sum \) No \(\sum \)			
4. Application No Patent No If this document is being filed together with a new application, the execution date of the application is: 05/19/2000 Additional numbers attached? Yes □ No ☒				
5. Name and address of party to whom correspondence concerning document should be mailed: W. Murray Spruill ALSTON & BIRD LLP P. O. Drawer 34009 Charlotte, NC 28234-4009	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 16-0605			
DO NOT I	JSE THIS SPACE			
9. Statement and signature 30/2000 http://www.boomedige and belief, the foregoing in the original document. 40.00 UP Robert E. McCarthy, Reg. No. 46,044 Name of Person Signing Signature	over sheet, attachments and document: 3			

Zen-Bio to Artecel Assignments of March 6, 2001

US Patent Applications

- 1. 09/554,868
- 2. 09/573,989
- 3. 09/592,019
- 4. 09/592,420
- 5. 09/592,421
- 6. 09/638,544
- 7. 60/185,338

US Patents

8. 6,100,047

PCT Applications

9. US98/25449 (publication:WO 99/28444)



Schedule of Applications/U.S. Patents for Assignment From Zen-Bio, Inc. to Artecel Sciencis,

L					
	6/12/00	09/592,421	Modulation Of The Sulfonylurea Receptor and Calcium In Adipocytes For Treatment Of Obesity And Diabetes		5750-7C (199482)
	6/12/00	09/592,019	Modulation Of The Sulfonylurea Receptor and Calcium In Adipocytes For Treatment Of Obesity And Diabetes		5750-7B (199481)
<u> </u>	6/12/00	09/592,420	Modulation Of The Sulfonylurca Receptor and Calcium in Adipocytes For Treatment Of Obesity And Diabetes		5750-7A (199479)
	4/7/99	09/287,907	Modulation Of The Sullonylurea Receptor and Calcium In Adipocytes For Treatment Of Obesity And Diabetes	6,100,047 / 8/8/00	5/50-/ (1803/6)
	5/19/00	09/554,868	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		US (198374)
	12/1/98	2000-523321	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		5750-4-5 Japan (197932)
	12/1/98	98960593.6	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		5750-4-4 EP (197931)
J	12/1/98	98811794.0	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		5750-4-3 China (197930)
1	12/1/98	2,312,847	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		5750-4-2 Canada (197927)
	12/1/98	PCT/US98/25449	Differentiation of Adipose Stromal Cells Into Osteoblasts And Uses Thereof		5750-4-1 173755
1 jco 2	Filing Date	Appl. No.	E CONTRACTOR OF THE CONTRACTOR	Deputing the pate	Atty, Docket Now
6 U.)/06:			Effective January 2, 2001	Effective	
s. PTO 1214		Artecel Science	Schedule of Applications/U.S. Patents for Assignment From Zen-Bio, Inc. to Artecel Sciencis, Inc.	of Applications/U.S. Patents for A	Schedule (

RTA0122036778v1

•	•
•	·
•	-1
_	•
J	•
¢	0
•	_
•	٠,
۰	4
C	_
Ć	Ξ,
7	
ς	-
-	٠
٠	٠,
c	ю
-	ď
,	á

Arty. Doeker king		Appl. No	Filing
5750-12 (199141)	The Use of Adipose Tissue-Derived Stromal Cells for Chondrocyte Differentiation and Cartilage Repair	09/573,989	5/17/00
5750-12-1 Canada (200125)	Use Of Adipose Tissuc-Derived Stromal Cells For Chondrocyte Differentiation And	2,316,413	8/18/00
5750-12-2 China (200126)	Usc Of Adipose Tissue-Derived Stromal Cells For Chondrocyte Differentiation and Cartilage Repair	00128981.0	8/21/00
5750-12-3 EP (200127)	Use Of Adipose Tissue-Derived Stromal Cells For Chondrocyte Differentiation And Cartilage Repair	00307155.2	8/21/00
5750-12-4 Japan (200128)	Use Of Adipose Tissuc-Derived Stromal Cells For Chondrocyte Differentiation And Cartilage Repair	2000-250009	8/21/00
5750-12-5 Taiwan (200129)	Use Of Adipose Tissue-Derived Stromal Cells For Chondrocyte Differentiation And Cartilage Repair	89115958	8/08/00
5750-13 (202282)		09/638,544	8/14/00
5750-13-1 Canada (203062)	Multiple Mesodermal Lineage Differentiation Potentials for Adipose Tissuc-Derived Stromal Cells and Uses Thereof	2,316,400	8/18/00
5750-13-2 China (203064)	Multiple Mesodermal Lineage Differentiation Potentials for Adipose	00131695.8	8/18/00

20118876161

	5750-15P (193598)			Japan (203066)	5750-13-4			EP (203065)	5750-13-3				Addy. Dooket No. Diffe
												通过的为代表的形式	bill Not sure Date
Thereof	Pleuripotent Stem Cell Potential Of Adipose Tissue - Derived Stromal Cells And Uses	Thereof	Tissue-Derived Stromal Cells and Uses	Differentiation Potentials for Adipose	Multiple Mesodermal Lineage	Thereof	Tissue-Derived Stromal Cells and Uses	Differentiation Potentials for Adipose	Multiple Mesodermal Lineage	Thereof	Tissue-Derived Stromal Cells and Uses		William Control of the Control of th
	60/185,338				2000-249591				00307153.7				Appl. No.
	2/26/00				8/21/00				8/21/00			Date	Filing